

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) ~~[[A]] An electrical connector including comprising:~~
a header ~~comprising~~ having a header body formed of an insulation material, and ~~one or~~ a plurality of header posts held on a side wall of the header body; and
a socket ~~comprising~~ having a socket body formed ~~[[on]]~~ of an insulation material and having a plug groove with which the header is engaged configured to engage the header, and ~~one or~~ a plurality of socket contacts held on a side wall of the plug groove ~~of the socket body, wherein the socket contacts are configured to contact and contacted with the header posts when the header is engaged with~~ engages the plug groove; ~~characterized by that, wherein:~~
the header body has a plurality of concave portion portions provided on a first face in side which is to be engaged with which faces a bottom face of the plug groove, wherein the first face is configured to engage the plug groove, and wherein at least one of the socket contacts has a first contact portion of the socket body;
at least one of the header ~~post~~ posts has a second contact portion,

disposed along a side wall of the header body, ~~and contacted with [[a]] and configured to contact~~ the first contact portion of the at least one socket contact, a curved portion formed in a substantially reverse U-shape extending from a vicinity of an end ~~[[in]] of~~ the first face side of the side wall of the header body toward, which is proximate the side wall, towards the concave portion, and a terminal portion formed to protrude outward from a side of the second contact portion opposite to the curved portion ~~to be~~ such that the terminal portion is substantially perpendicular to the side wall ~~and to be soldered on to a circuit board;~~ and

the concave ~~portion is~~ portions are separated by at least two cross walls which separate respective gaps provided between the header posts such [[so]] that an enclosed space is formed by the at least two cross walls, a bottom face of the concave portion and ~~[[the]] an~~ adsorption face of ~~[[the]] an~~ adsorption nozzle ~~in a state that when~~ the adsorption face of the adsorption nozzle is ~~contacted with~~ contacts the first face ~~so that~~ such that a suction opening of the adsorption nozzle faces the concave portion.

2. (Canceled).

3. (Currently Amended) The electrical connector in accordance with claim 1, ~~characterized by that wherein~~ the socket body has an engaging plug groove of the socket body has a substantially rectangular shape with which ~~and~~ the header is engaged ~~formed in~~ configured to engage a center portion thereof seen

~~from front, and wherein the plug groove has two side walls, and four the socket body has~~ engaging concavities formed in vicinities of ~~both~~ end portions of ~~both~~ the two side walls, and

when the socket body is mounted on a circuit board, an adsorption cover is attached to the socket body via ~~due to~~ engaging portions of the adsorption cover covering at least a part of the engaging plug groove are engaged with and engaging the engaging concavities of the socket body, and wherein a portion of the adsorption cover covering a part of the engaging groove is adsorbed and held by the adsorption nozzle.

4. (Currently Amended) The electrical connector in accordance with claim 3, wherein ~~characterized by that the socket body has inserted or press-fitted reinforcing members in vicinities of both~~ provided proximate the end portions ~~of the two side walls longitudinal direction thereof; and~~

the engaging concavities are formed at positions distant from fixed portions of the reinforcing member.

5. (Currently Amended) The electrical connector in accordance with claim 1, wherein ~~characterized by that~~ a protrusion and a concavity are serially provided on the second contact portion of the at least one header post and extend along a heightwise direction of the header ~~to~~ toward a second face opposite to the first face.

6. (Currently Amended) The electrical connector in accordance with claim 5, wherein ~~characterized by that~~ the protrusion is formed in the heightwise direction of the at least one header post at a position ~~a little~~ nearer to the first face ~~from center in~~ than the second face ~~in the heightwise direction of the header post.~~

7. (Currently Amended) The electrical connector in accordance with claim 5, wherein ~~characterized by that~~ a slanted face is formed on an outer face of the protrusion ~~in a manner so~~ such that a dimension of the protrusion at a portion nearer to a second face opposite to the first face becomes larger in a direction extending from the first face toward the second face.

8. (Currently Amended) The electrical connector in accordance with claim 4, wherein ~~(SIC: correctly 5) — characterized by that~~ the concavity ~~[[is]]~~ has a channel shape and is elongated along the heightwise direction of the at least one header post.

9. (Currently Amended) The electrical connector in accordance with claim 8, wherein ~~characterized by that~~ the concavity has two slanted faces having a depth [[of]] which becomes deeper ~~for approaching to the~~ as the slanted faces approach a center of the at least one header post in [[the]] a widthwise direction thereof, so that the such that a section in the widthwise direction of the at least one header post becomes has a substantially V-shape.

10. (Currently Amended) The electrical connector in accordance with claim 5, ~~wherein characterized by that~~ a width dimension of the concavity in the widthwise direction of the at least one header post is formed to be larger than a width dimension of the protrusion and smaller than a width direction of the first contact portion of the at least one socket contact.

11. (Currently Amended) The electrical connector in accordance with claim 5, ~~wherein characterized by that~~ dimensions and position of the concavity in the heightwise direction of the at least one header post is ~~established in a seope that~~ configured to allow the first contact portion of the at least one socket contact slides to slide on the second contact portion.